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United States Department of the Interior

GEOLOGICAL SURVEY
Water Resources Division
Tennessee District

A-413 Federal Bldg.
U.S. Courthouse
Nashville, TN 37203
June 10, 1982

Mr. Frank M. Alexander
Tennessee Division of Water Resources
701 Broadway
Nashville, TN 37203

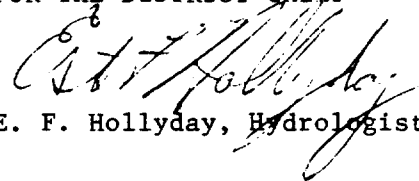
Dear Frank:

In response to your request for technical support of EPA's Field Investigation Team at Grassmere Croft Farm on May 18, 1982, enclosed is a table of discharge measurements made by us on that date and supplemental discharge and water quality information for February 22, 1982. The station names are cross referenced with EPA water-quality sampling sites, i.e: (SS-S2-W,S).

We would appreciate receiving a copy of the results of EPA's analyses of samples collected by E and E for priority pollutants.

Sincerely yours,

FOR THE DISTRICT CHIEF


E. F. Hollyday, Hydrologist

Enclosure

cc: C. H. Wilson
Ecology & Environment, Inc.
Decatur, GA
Fred Stroud, EPA
Region 4, Atlanta, GA ✓
Tray Bradfield, WRD
Nashville Subdistrict

Table 1.--Results of preliminary surveys of springs and creek
draining Grassmere Croft

Station name	Location		Specific conductance, in micromhos per centimeter at 25°C	pH, in units	Temperature, in degrees C	Yield, in gallons per minute	
	Lat.	Long.				2-22-82	5-18-82
Grassmere Croft Spring Creek below confluence with tributary (SS-BC-W,S of EPA)	360523	-864402	--	--	--	--	735
Tributary to Grassmere Croft Spring Creek Site No. 1	360526	-864407	570	7.2	14.0	740	--
Tributary to Grassmere Croft Spring Creek Site No. 2 (SS-T1-W,S of EPA)	360524	-864406	570	7.0	14.0	730	580
Grassmere Croft Spring Creek Site No. 3	360523	-864408	420	6.8	14.0	430	--
Grassmere Croft Spring No. 1	360522	-864409	310	6.8	12.0	4	--
Grassmere Croft Spring No. 2 (SS-S2-W,S)	360520	-864411	192	7.0	13.0	20	--
Grassmere Croft Spring No. 3 Spring box at Spring No. 3 (SS-S3-W,S of EPA)	360520	-864417	370	6.8	14.5	60	28
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Grassmere Croft Spring No. 4 (SS-S4-W,S of EPA)	360518	-864422	395	7.0	14.2	11	--
Grassmere Croft Spring No. 5	360518	-864423	400	7.1	14.0	16	--
Grassmere Croft Spring Creek Site No. 4	360520	-864434	500	6.8	14.0	276	--
Grassmere Croft Spring No. 6 (SS-S6-W,S of EPA)	360521	-864439	505	6.8	9.0	0.5	--
Grassmere Croft Spring No. 7 (SS-S7-W,S of EPA)	360519	-864440	500	6.8	14.0	250	145